

What Is Claimed Is:

1. A method of multiplex transmission carried out by a multiplex transmission unit which is located between a low-speed transmission path and a high-speed transmission path,
5 said method comprising the steps, at the occurrence of a fault on said low-speed path, of:

inserting an alarm into a predetermined location of the transport overhead of a multiplex signal of said high-speed path; and

10 sending by through-transport the resulting multiplex signal to said high-speed path.